

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	"73".clas. and (cmut\$1 or mut\$1) and ((variable or adjust\$4) with aperture\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/01 07:58
L2	1	"73/602".ccls. and (cmut\$1 or mut\$1) and ((variable or adjust\$4) with aperture\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/01 08:00
L3	1	"310".clas. and (cmut\$1 or mut\$1) and ((variable or adjust\$4) with aperture\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/01 08:00
L4	0	"310/311".ccls. and (cmut\$1 or mut\$1) and ((variable or adjust\$4) with aperture\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/01 08:01
S2	4	("20030048698" "6328696").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/16 06:55
S3	16	((MITSUHIRO) near2 (OSHIKI)).INV.	US-PGPUB; USPAT	OR	OFF	2010/02/16 06:56
S4	77	((HIROSHI) near2 (KANDA)).INV.	US-PGPUB; USPAT	OR	OFF	2010/02/16 06:57
S5	42	((RYUICHI) near2 (SHINOMURA)).INV.	US-PGPUB; USPAT	OR	OFF	2010/02/16 06:57
S6	119	S3 or S4 or S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/16 06:57

## EAST Search History (Prior Art)

S7	1923	600/459.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/16 15:17
S8	97	600/459.ccls. and cmut	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/16 15:17
S9	2	"7087023".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 10:17
S12	8	("20050121734"   "20050203397"   "6271620"   "6320239"   "6562650"   "6571445"   "6945115"   "7037746").PN. OR ("7512038").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/18 10:41
S16	0	(2005/0169107).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 11:20
S17	0	(US2005/0169107).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 11:20
S18	2	("0169107").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 11:20
S20	6	"978196".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 11:22

## EAST Search History (Prior Art)

S22	2	"6865140".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 11:24
S24	5	"223257".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 12:00
S25	7	"367106".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 13:34
S26	3	("2005/0228277").URPN.	USPAT	OR	OFF	2010/02/18 13:44
S27	47	600/472,437.ccls. and cmut	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 14:01
S28	3658	(cmut\$1 or mut\$1) and aperture\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 14:28
S29	60	(cmut\$1 or mut\$1) and (variable with aperture\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 14:29
S30	360	(cmut\$1 or mut\$1) and ((variable or adjust\$4) with aperture\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/18 14:30

## EAST Search History (Prior Art)

S31	2	"6381197" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/19 14:11
S32	2	"6271620" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/19 14:19
S33	1	"6381197".pn.	USPAT	OR	OFF	2010/02/20 15:13
S34	246940	"73".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/25 12:39